

Work Order ID 146948

Tuesday, May 24, 2016 10:03:29 AM

146948

Page 1

Item ID: D412-761-047

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Instrument Panel

Start Date: 5/26/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 6/1/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: MCS Date: MAY 26 2016
QC: _____ Date: _____

Tooling: _____ Date: _____
SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN D412-761	E

100 Document Control 0.00
100
DC
Doc.Control -USB or Paperwork
Memo
Photocopy bluefile & type labels per PPP D412-761-047 CHG002

JUN 14 2016

688
9
989

MCS 1600014

X2

DAS
27
9-89

2

JUN 14 2016

110 Pick Kit 0.00

110
Packaging
Packaging
Memo
0.00

JUN 14 2016 X2 688 9 989 DAS 28 9-89

120 QC4- 100% Inspect kits for completeness 0.00

120
QC
Quality Control
Memo
0.00

X2 DAS 27 9-89
JUN 14 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date : _____		Step #: _____		QTY Effective : _____			MRB (QS1042) Approval				
Description Work Order Deviation				Disposition				Completed By			
								Lead hand / Supervisor Approval Verification			
								QC / QA Coordinator Approval			
Root Cause				FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER : _____											

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Page 2

Item ID: D412-761-047

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Instrument Panel

Start Date: 5/26/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 6/1/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-761-047								
	Location: _____								
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

X2

DAS
28
9-89DAS
27
9-89

JUN 14 2016

MCS

JUN 16 2016

MCS

JUN 16 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 1

Work Order ID: 146948

146948

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 5/26/2016

Required Date: 6/1/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 09-01-13 rev.C as per dwg DD verified by:EC IPP Rev:B
13.01.15 as per ECN13-511 DD Verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-4A *AN3-4A* Bolt		Purchased	No			110	Each	157.0000	4	8		DAS 6 9-89	DAS 28 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST350			157					
					m134502			157					
D3705-11 *D3705-11* Main Panel		Manufactured	No			110	Each	0.0000	1	2		DAS 6 9-89	DAS 28 9-89
D3705-7 *D3705-7* Main Panel		Manufactured	No			110	Each	1.0000	1	2		DAS 6 9-89	DAS 28 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST052			1					
					105314			1					
D3705-9 *D3705-9* Panel		Manufactured	No			110	Each	2.0000	1	2		DAS 6 9-89	DAS 28 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST052			2					
					139239			2					

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____					
Misidentified ☐	☐ Past Due						

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Work Order ID: 146948

146948

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 5/26/2016

Required Date: 6/1/2016

Start Qty: 2.00

Required Qty: 2.00

D3707-1 Manufactured No

110 Each

8.0000

2 4

D3707-1

Mounting Lug

27
9-89

Location

Loc Qty

Loc Code

ST052

8

134309

8

110 Each

3.0000

1 2

D3790-1 Manufactured No

D3790-1

Indexing Block

Location

Loc Qty

Loc Code

ST054

3

143646

3

110 Each

22.0000

1 2

D3867-1 Manufactured No

D3867-1

Connector Plate

DAS
27
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST055

22

143648

22

110 Each

340.0000

6 12

AN526C1032R6 Purchased No

AN526C1032R6

Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

ST327

340

1892

340

110 Each

18.0000

2 4

AN743-12 Purchased No

AN743-12

Clip

DAS
27
9-89

Location

Loc Qty

Loc Code

ST330

18

M127124

18

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Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Work Order ID: 146948

146948

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 5/26/2016

Required Date: 6/1/2016

Start Qty: 2.00

Required Qty: 2.00

MS21075L3 MS21075L3N Purchased

No

110

Each

132.0000

6

12

DAS
6
9-89

DAS
28
9-89

MS21075L3

Nut Plate

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

32

m134257

32

ST298

100

m134782

100

MS24693-C272

Purchased

No

110

Each

1,034.000

4

8

DAS
6
9-89

DAS
28
9-89

MS24693-C272

Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

OVER010

986

17137

467

17831

519

ST287

48

9370

48

MS27039-1-17

Purchased

No

110

Each

198.0000

1

2

DAS
6
9-89

DAS
28
9-89

MS27039-1-17

Screw (601.1954)

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

185

120142

36

m127831

149

ST280

13

m127305

13

JUN 15 2016

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Shop Packet Print

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
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Root Cause				FAULT CATEGORY					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐				Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER :									

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Work Order ID: 146948

146948

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 5/26/2016

Required Date: 6/1/2016

Start Qty: 2.00

Required Qty: 2.00

MS27039-1-27

Purchased

No

110

Each

36.0000

1

2

MS27039-1-27

Screw

DAS 26 9-89
DAS 6 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST279

36

110606

36

MS21042L3

Purchased

No

110

Each

1,619.000

4

8

MS21042L3

Nut

DAS 28 9-89
DAS 6 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

FP001

100

m133790

100

GA

242

m133790

3

m134360

239

ST303

1277

m134039

12

m134360

65

m134634

600

m134754

600

MS21919-WDG8

Purchased

No

110

Each

58.0000

2

4

MS21919-WDG8

Clamp

DAS 28 9-89
DAS 6 9-89
JUN 15 2016

DAS 27 9-89

Location

Loc Qty

Loc Code

ST293

58

m128057

58

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause				FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : _____							

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Quality Control

REFERENCE ONLY

DART AEROSPACE LTD.

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(CONTINUED FROM PAGE 10)

QTY -041	QTY -041A	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -141	PART NUMBER	DESCRIPTION
				1				D3705-041	INSTRUMENT PANEL ASSEMBLY
				1				D3705-043	* INSTRUMENT PANEL WELDMENT
				1				D3335-1	* SPRING
				1				D3705-5	* ACCESS PANEL
				1				D3706-041	* LOCK BRACKET ASSEMBLY
				1				D3706-5	* PIN
				2				D3707-3	* MOUNTING LUG
				2				AN3-3A	* BOLT
				4				AN526C1032R6	* SCREW
				1				MS171498	* SPRING SLOTTED PIN
				4				MS24693-C272	* SCREW (OR MS24693-S272)
				2				NAS1149D0332J	* WASHER (OR AN960JD10L)
				1				NAS1149D0563J	* WASHER (OR AN960JD516)
				1				D3705-7	FACE PLATE (MINIMUM REQUIRED INSTRUMENTS FOR 204, 205, 210, AND EAGLE SINGLE MODELS)
				1				D3705-9	FACE PLATE (MINIMUM REQUIRED AND OPTIONAL INSTRUMENTS FOR 204, 205, 210, AND EAGLE SINGLE MODELS)
				1				D3705-11	FACE PLATE (FOR 212, 214, 412, MODELS)
				2				D3707-1	MOUNTING LUG
				1				D3790-1	INDEXING BLOCK
				1				D3867-1	CONNECTOR PLATE
				2				D4758-1	BLANKING PLATE
				3				D4758-3	BLANKING PLATE
				4				AN3-4A	BOLT
				6				AN526C1032R6	SCREW
				2				AN743-12	BRACKET
				6				AN960JD10L	WASHER
				6				MS21075L3	NUTPLATE (OR MS21073-3)
				4				MS24693-C272	SCREW (OR MS24693-S272)
				1				MS27039-1-17	SCREW
				1				MS27039-1-27	SCREW
				4				MS21042L3	NUT
				2				MS21919WDG8	CLAMP
				4				NAS1149D0332J	WASHER (OR AN960JD10L)
					1	1		D3694-041	MOUNTING PLATE ASSEMBLY
					1	1		D3694-1	* KEYWAY
					1	1		D3694-3	* PROTECTIVE PLATE
					1	1		D3694-5	* MOUNTING PLATE
					1	1		AN526C1032R8	* SCREW
					4	4		MS21042L3	* NUT
					2	2		MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
					1	1		MS24693-C271	* SCREW (OR MS24693-S271)
					4	4		MS24693-C273	* SCREW (OR MS24693-S273)
					5	5		NAS1149D0363J	* WASHER (OR AN960JD10)
					1	1		D3695-041	SLIDER ASSEMBLY
					1	1		D3695-1	* SLIDER
					1	1		D3695-3	* STOPPER
					1	1		MS21209F6-25	* HELI-COIL, SCREW LOCKING (RED)
					4	4		MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
					4	4		MS24693-C276	* SCREW (OR MS24693-S276)
					1	1		D3801-1	* HAND RETRACTABLE SPRING PLUNGER

*DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

(CONTINUED ON PAGE 12)

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REFERENCE ONLY

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6.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD KITS

QTY -041	QTY -041A	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -141	PART NUMBER	DESCRIPTION
								D412-761-011	FULL VERTICAL REFERENCE DOOR, LH
								D412-761-011A	FULL VERTICAL REFERENCE DOOR, LH
X								D412-761-041	FULL VERTICAL REFERENCE DOOR KIT, LH
	X							D412-761-041A	FULL VERTICAL REFERENCE DOOR KIT, LH
		X	1					D412-761-043	MODIFIED LATCH MECHANISM KIT, LH
1	1		X					D412-761-045	LARGE BUBBLE WINDOW KIT, LH
1	1			X				D412-761-047	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
1					X			D412-761-049	ARMREST KIT, LH
	1					X		D412-761-051	ARMREST KIT, LH
							X	D412-761-141	VENT KIT
		1						D3589-041	LATCH ASSEMBLY
		1						D3589-047	FORWARD GUIDE
		1						D3589-049	AFT GUIDE
		2						MS16997-24	SCREW
		2						MS21042L06	NUT
		2						NAS1149DN632J	WASHER (OR AN960JD6L)
		1						D3676-1	LARGE BUBBLE WINDOW
		1						D3678-1	PLACARD
		1						D3678-3	PLACARD
		1						D3700-1	INBOARD WINDOW DOUBLER
		1						D3700-3	OUTBOARD WINDOW DOUBLER
		1						D3701-1	FLOOR DOUBLER
		1						D3702-1	FORWARD DOUBLER
		1						D3703-1	AFT DOUBLER
		1						D3703-3	AFT CORNER DOUBLER
		1						D3703-5	AFT CAP
		1						D3704-1	ESCUTCHEON
		1						D3704-3	ESCUTCHEON
		1						D3708-1	ANGLE
		1						D3708-3	ANGLE
		1						D3709-1	ANGLE
		1						D3709-3	ANGLE
		1						D3802-1-135	SEAL
		1						DT9458	CUTTING TEMPLATE
		26						AN3-7A	BOLT
		26						MS21042L3	NUT
		1						MS24694-C5	SCREW (OR MS24694-S5)
		1						MS24694-C13	SCREW (OR MS24694-S13)
		1						NAS43DD3-24	SPACER
		52						NAS1149D0363J	WASHER (OR AN960JD10)

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